

**AMENDMENTS TO THE SPECIFICATION**

**Please amend the first page of the specification as follows:**

**RELATED APPLICATIONS**

This application is a continuation of International Application PCT/US00/17540, filed June  
5 26, 2000, which claims priority to continuation-in-part of U.S. Provisional Application Serial No.  
60/141,521 filed June 25, 1999, which is incorporated by reference herein.

10 **In the first full paragraph of p. 145, please amend the specification as shown in the**  
**marked up replacement paragraph below:**

The results of the build-up process are shown in Fig. 39A, where the SNPs  
and sub-haplotypes that passed the tight cut-off are displayed along with the results of the  
regression analyses. It was discovered that the three-SNP subhaplotype **\*\*A\*\*\*\*\*A\*G\*\*** has a p-  
15 value nearly identical to that of the full haplotype. Figure ~~21b~~39B shows the regression line  
(response as a function of number of copies of haplotype **\*\*A\*\*\*\*\*A\*G\*\***), indicating that the  
more copies of this marker a patient has, the lower the response.